

Energy Saving & Cleaner Production

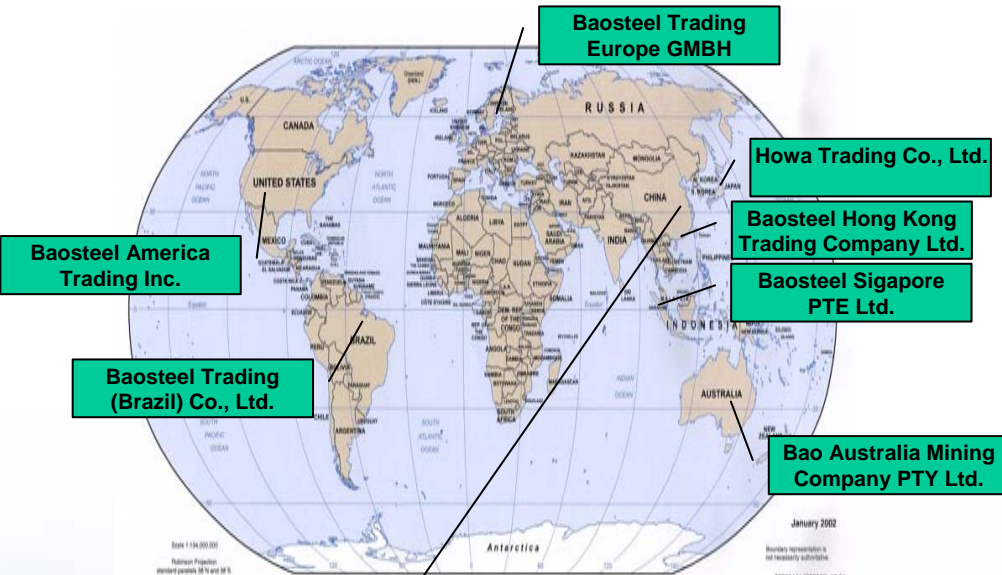
--Global Energy Challenges:
The Key Role for Business in Energy Efficiency, Technology Transfer
and Emission Reductions

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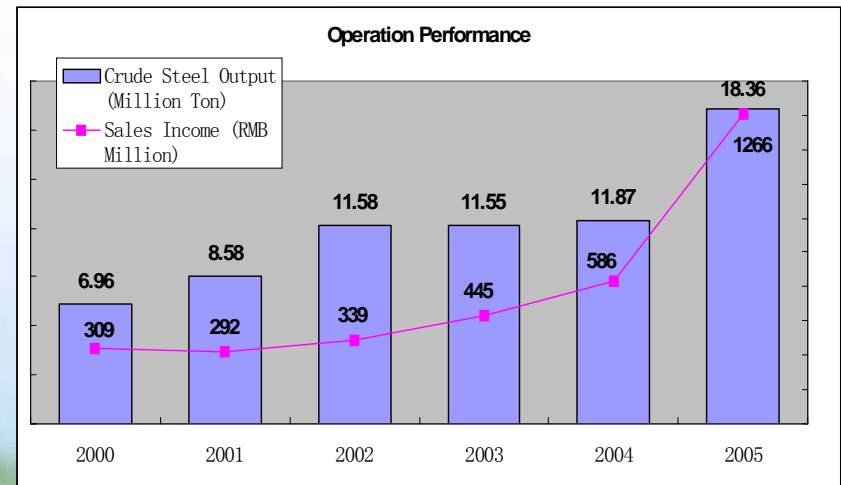
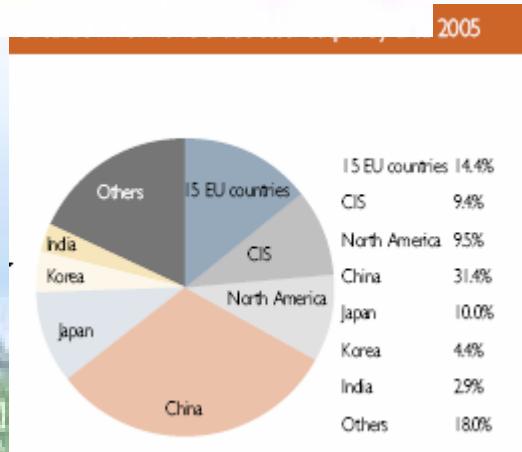


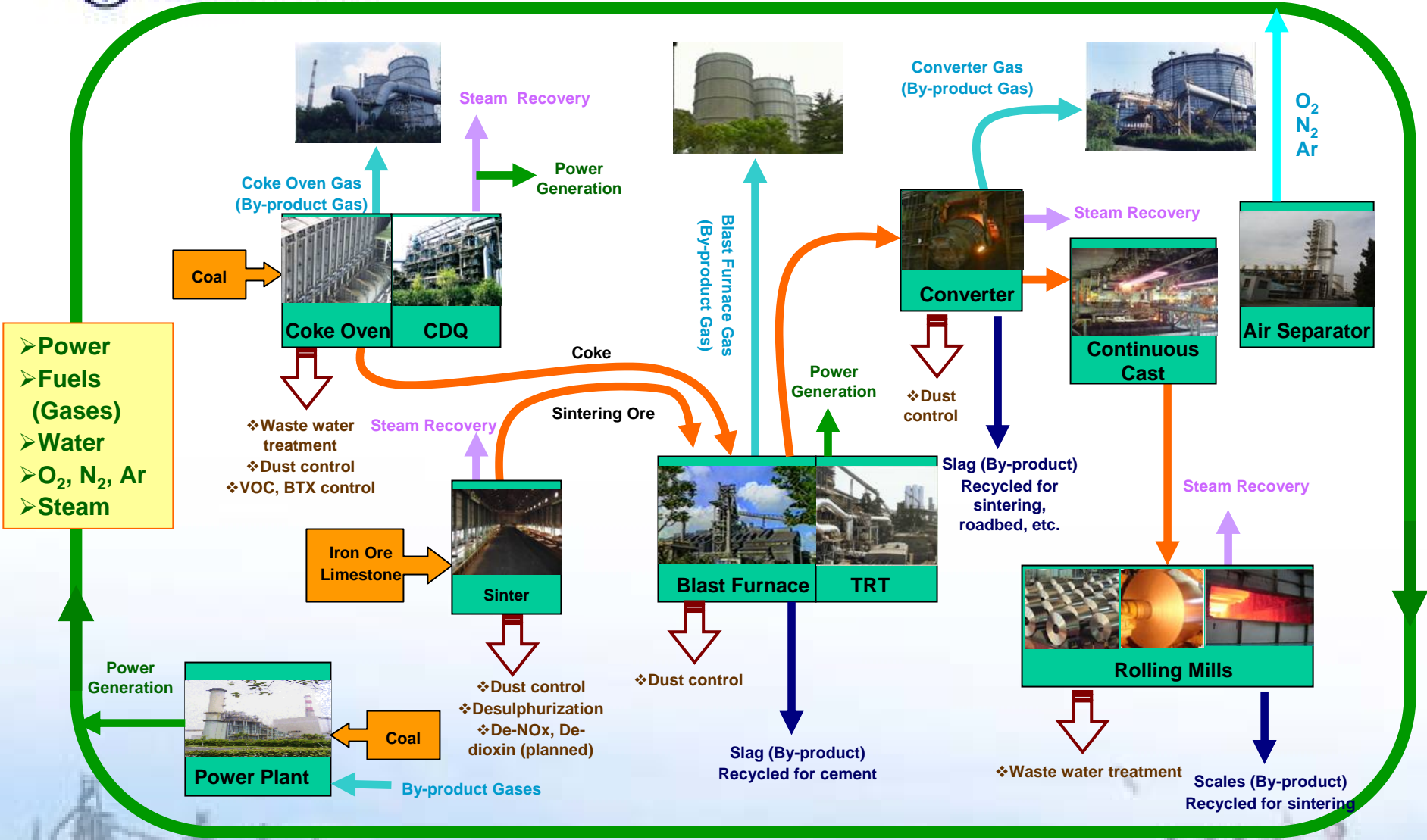
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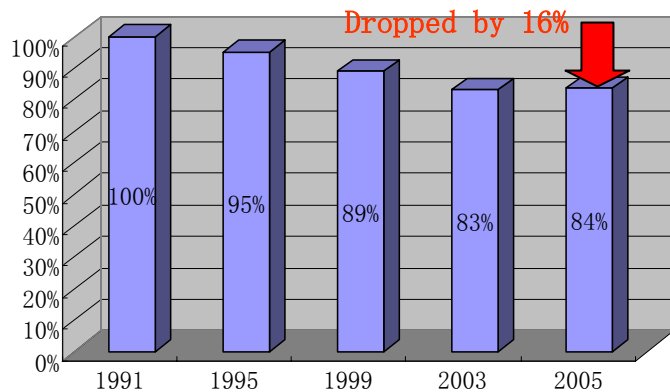




Production, Energy & Emission

Energy Saving & Cleaner Production – Actions

- Energy-saving processes, reduce consumption and improve exhausted energy recovery
- Energy management by centralized control and systematic optimization, reduce discharge and losses
- Environmental control specifications stricter than the state stipulations
- Technical reform in old plants to improve environment, the backward processes and equipments eliminated
- Comprehensive utilization of solid wastes
- Green products



Energy Center



Wind Net



After



Before



After



Before

Energy Saving & Cleaner Production – plans

- ❑ Continuously enhance investment in technical innovations and applications in energy-saving, work hard for energy intensity reduction by 7% compared to that in 2005 by 2010.
- ❑ Continuously strengthen environmental harness, largely reduce dust emissions, and implement de-sulphurization in all sinter machines and coal combustion power plants.
- ❑ Build the worldwide largest coal/ore reduction iron-making process Corex 3000 of less consumption and emissions.
- ❑ Continuously promote research in waste plastics recycling in coke oven and blast furnace, explore the recycle of waste tires.
- ❑ Research in the recycle of gypsum generated from de-sulphurization in power plant.
- ❑ Explore the development of hydrogen economy.
- ❑ Explore dioxin monitor and prevention in municipal rubbish and sewage.
- ❑ Build wind power station to develop renewable energy.
- ❑ Build inter-plant energy pipe-corridor to reduce discharge and pollution.



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